

# Weekly Report

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## Visual SVM

This week I spend several days on restoring the old EasySVM system back to work and tried to add the new features. After Thursday I resumed the paper writing.

In addition I did a user study of the old EasySVM system with one of my classmates whose supervisor is Prof. He Xiaofei. He picked up some drawbacks and missing features in a machine learning expert's view:

- Lack of training result comparison. The user always wants to find out the (gradual) differences between results while the parameter changes;
- Parameter analysis and parameter sensitivity;
- Data analysis: The data distribution of training dataset is commonly a point that the user is not quite interested in, however the bad cases (wrongly classified data instances in the training dataset) is.

The points abovementioned will be taken into consideration in the paper.

## Plan for Next Week

- Finish writing the first version of the draft and rewrite it into an English version.